

Date: Sat, 3 Sep 94 04:30:30 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #243
To: Ham-Space

Ham-Space Digest Sat, 3 Sep 94 Volume 94 : Issue 243

Today's Topics:

DSP-2232/PACSAT Users
Help wanted with decoding telemetry
Mir Checkpoint #734
Rain attenuation of satellite downlinks

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 2 Sep 1994 14:22:59 GMT
From: world!marcoh@uunet.uu.net
Subject: DSP-2232/PACSAT Users
To: ham-space@ucsd.edu

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If you have an AEA DSP-2232 and you are active on the PACSATs,
I would like to hear from you!

I've worked terrestrial packet for some time, but I have only recently
given working the PACSATs a try (after much trial and error, I recently
downloaded a file from AO-16 for the first time). I am looking for
insights into optimal use of a 2232 with satellites, especially AEA
upgrades, hardware and software mods, and tips and techniques you found
particularly useful. Also, if there is a 2232 UG/mailling list/forum,
I'd like to know how to join/subscribe.

I seldom get onto UseNet, but if you have the time and inclination

for direct email, you can reach me at:

marcoh@world.std.com
n1mae@amsat.org
n1mae@switch.lmnstr.ampr.org

mny tks et 73 de n1mae

Mark "Marco" Heroux

Date: 1 Sep 94 18:06:23 +1000
From: agate!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!usage!
csdvax!u1066579@ames.arpa
Subject: Help wanted with decoding telemetry
To: ham-space@ucsd.edu

HI,

I am interested in the possibility of decoding the telemetry from weather
satellites. Can anyone help me with this? If so please e-mail.

Best Wishes,

Henry.

Date: 2 Sep 1994 09:10:01 -0400
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!
news.duke.edu!solaris.cc.vt.edu!swiss.ans.net!newstf01.cr1.aol.com!
search01.news.aol.com!not-for-mail@network.
Subject: Mir Checkpoint #734
To: ham-space@ucsd.edu

MacSPOC Users-

The enclosed checkpoint reflects tracking of Russia's Mir space station
late Wednesday night CDT. Over the past few days, Mir's orbit has been
changed repeatedly. A Progress resupply vehicle launched last Friday has
made 2 unsuccessful automated docking attempts with Mir, and a third
attempt is to be made under manual control from Mir's crew this Friday.
Under standard Russian docking procedures, the attempt would be initiated
around 8:38 AM CDT Friday.

Fuel reserves aboard Progress are nearly exhausted, although a fourth
attempt may be possible. If a docking is not performed, however, Mir
would have to be abandoned in about 2 weeks before her crew ran out of
food. Without a crew, Mir's fate is unknown. A major reactivation effort
was required after Mir's Salyut-7 predecessor was abandoned in 1985.

-Dan Adamo

=====

File: Mir-734.cp

=====cut here=====

Orbit 48786 ElSet 734 on 09-01-94

1994 244 (9- 1) 0 0 .000

1994 245 (9- 2) 0 0 .000

0.244959750068D+07 0.595010451348D+01

348798

0.548704952642D+07 -0.147855739048D+08 0.156357784745D+08

0.236355277376D+05 -0.432430004354D+03 -0.867535713518D+04

90.0 5000.0 79.00 2.72

=====cut here=====

73 for now.... c u on the shortwaves

Terry Stader - KA8SCP

America Online Ham Radio Club Host

Macintosh Amateur Radio Software List Maintainer

Internet: tstader@aol.com (e-mail) or

tstader@si.tiac.net (binaries/files >28K)

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM

ka8scp@ka8scp.ampr.org [44.56.4.82]

Date: Thu, 1 Sep 1994 19:46:03 +0000

From: ihnp4.ucsd.edu!newshub.nosc.mil!crash!news.sprintlink.net!demon!

arkas.demon.co.uk!Michael@network.ucsd.edu

Subject: Rain attenuation of satellite downlinks

To: ham-space@ucsd.edu

This might not be exactly amateur radio, but perhaps there is an avid satellite tv dx'er out there who can help ...

I am interested in obtaining measured rain attenuation figures for C-band downlink (4 GHz) signals from communications satellites in the South-East Asian tropical region. I'm looking to compare typical, real-world attenuation values with those predicted by the CCIR model.

Can anyone point me to where I may find such information? I would prefer an Internet source, but printed references would be ok.

Emailed messages to michael@arkas.demon.co.uk would be appreciated.

TIA & 73's

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Mike Dower
G0VEY
VK2ENG

'Quoth the raven, "Never more".' ... Poe

End of Ham-Space Digest V94 #243
